

EDUCATION

Georgia Institute of Technology BITS Pilani (India)	M.S. Computer Science B.E. Computer Science	CGPA: 4.0/4.0 CGPA: 8.76/10	Graduation: May 2017 Graduation: May 2014
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PROFESSIONAL EXPERIENCE

Oracle , Redwood Shores Fulltime, Applications Developer <i>Java, JavaScript, GraphQL, Logstash</i> Working for the Fusion Financial group on initiatives to build a robust analytics platform and integrate modern technologies	July 2017 - Present
PayPal , San Jose Intern, Business Development <i>Python, Flask, JavaScript, d3, Teradata</i> Developed a tool to proactively monitor and analyze trends of different integrations to strengthen the relationship with the partners and improve the overall efficiency of the team and operational performance	May 2016 - Aug 2016
Georgia Tech Visualization Lab , Atlanta Graduate Research Assistant <i>Python, JavaScript, d3, AngularJs, MongoDB, AWS</i> Created web based visual analytics tools for analysis and sensemaking on text document collections (Jigsaw, ListView), managed the lab web server and application deployment, prototyped visualization designs and mentored undergraduate student projects	Aug 2015 - May 2017
Walmart Global Technology Services , Bangalore Fulltime, Software Engineer <i>Java, JavaScript, JQuery, AngularJs, Oracle</i> <ul style="list-style-type: none">Frontend development: Implemented integral features for the redesign and improvement of the UI of samsclub.comOther Projects: Data analysis, visualization, prototyping and site enhancement to improve customer experience	Jul 2014 - Jul 2015
Innovation Labs - [24]7-Inc , Bangalore Intern, Software Developer <i>Grails, GSP, HTML, CSS, JavaScript, MongoDB</i> Worked independently on multiple web applications to improve internal communication. Received recognition for Project Delivery.	Jan 2014 - Jun 2014

PROJECTS, ACADEMICS AND RESEARCH

Teaching Assistant - Prototyping Interactive Systems Assisting the faculty with the course, lectures and assignment planning, grading and conducting office hours to help the students	Aug 2016 – Dec 2016
Emory Research Project – Clinical discharge Support System Collaborated with Professors from GSU and Doctors from Emory University to create a Clinical Discharge Decision support system that can potentially increase a physician's effectiveness in identifying the optimal time to discharge a patient and reduce costs	Jan 2016 – May 2016
Academic Project – Social Movements Trends study Analyzed social movements using their timeline, web searches, media coverage to understand their spread, trends and relations	Jan 2016 – May 2016
Academic Project – Stack Overflow Visualization Developed a visualization tool to support the exploration of programming languages, tools and concepts.	Sep 2015 – Dec 2015
Google Summer of Code– OpenSource Bioinformatics Software Developed the Cytoscape plugin, Pesca and enhanced CentiScape in collaboration with the National Resource for Network Biology	May 2014 – Aug 2015

HACKATHONS

TechCrunch Disrupt SF - AI powered Bot for recommending restaurants in a group chat (3rd Place)	Sep 2017
NDC Hackathon - Efficient Multicity Trip Planner for booking airlines (1st Place)	Aug 2017
Opportunity Hackathon - Collaborative mapping tool to allow coordination among NPOs (3rd Place)	July 2016

TECHNICAL SKILLS

Programming: Java, Python, C
Web Technologies: JavaScript, JQuery, D3.js, AngularJs, Bootstrap, Flask, HTML5, CSS, AWS. *Familiar:* Node, React, Knockout, J2EE
Tools: Adobe Photoshop, After Effects, Maya, 3ds Max, CorelDRAW, MATLAB
Database: MySQL, Oracle, MongoDB

PUBLICATIONS

Poster: S. Pratap, A. Endert. "PredVis - Interaction Techniques for Time Series Prediction". IEEE VIS '17, Section: VAST
Poster: S. Pratap, D. Chand, "Viseract: Computer Vision based Gesture Control for InfoVis". IEEE VIS '17, Section: InfoVis
Article: "Finding the shortest path with PesCa: a tool for network reconstruction", F1000Research, 2015,4:484
Journal: "Ontological Tree Generation for Enhanced Information Retrieval", IJAIA, Vol. 4, July 2013, PP. 41-51, ISSN: 0975-900X